

## ABSTRACT

The present invention relates to a body painting method mainly used in nail beautifying for simultaneously creating a plurality of patterns, and a specialized computer-controlled body-painting machine for realizing the method. In use, a plurality of target body parts to be painted are simultaneously placed onto the clamp of the body-painting machine after necessary preprocesses have been preformed to the target body parts; then a plurality of pictures for said body parts are simultaneously opened with a computer and the body parts are displayed on the screen of the computer by the camera, the pictures will be printed as one pattern simultaneously after the sizes and printing locations of these pictures have been adjusted, resulting in each of the pictures being printed at its corresponding printing location; the body-painting machine is operated by the computer, and its printing head is connected to a transverse moving mechanism and a longitudinal moving mechanism; the camera head is fixedly mounted above the printing head; the clamp can be inserted into the space between the upper casing and the base of the machine body. According to present invention, a plurality of body-painting patterns can be printed at one time, thereby the painting process is greatly simplified and the painting time is significantly reduced.